

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Steven Koenck
		Group Art Unit	2687
		Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02		
Sheet	1	of	1

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C416	"A 1.6-3.2 GHz, High Phase Accuracy Quadrature Phase Locked Loop", Masters Thesis, Department Of Electrical Engineering And Computer Science, Mass. Inst. Of Technology, 06/2003
	C420	Digital And Ericsson Agree On Data Network Project", Wall Street Journal, 10/08/1991, p. B4
	C426	"Messenger User Guide", Cognito Limited, 04/1991
	C439	"Standards: Ericsson", Communications International 1991, 09/1991, p. 46
	C519	Posthearing Brief Of The Commission Investigative Staff, United States International Trade Commission, 04/03/2006
	C522	JOIFAEI et al., "Concept Of On-Board-Processing Satellites", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 391-394
	C523	SESHADRI et al., "Coded Modulation With Time Diversity, Unequal Error Protection, And Low Delay For The Rayleigh Fading Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 283-287
	C524	SLIMANE et al., "Coded Quadrature Pulse-Overlapping Modulation Techniques For Personal Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 293-297
	C525	WANG, "Coded BER Performance In A Correlative Fading Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 126-130
	C526	"Ericsson Wins Mobile Data Pact", Communications Week International, 06/26/1989, No. 21, p. 13
↓	C527	ROHL, A Short Look on Power Saving Mechanisms In the Wireless LAN Standard Draft IEEE Standard 802.11, 06/26/1997, Bates No. QBB218363-368

EXAMINER SIGNATURE	DATE CONSIDERED
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANTS</b> (use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number	10/787,443	
Sheet		1	of	1	Filing Date	February 26, 2004
					First Named Inventor	Steven Koenck
					Group Art Unit	2616
					Examiner Name	Wellington Chin
					Attorney Docket Number	14425US02

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>5</sup> (if known)					
/DC/	B1	GB 2,250,892		06-17-1992	Owen		
↓	B2	JP 62-37008		08-23-1994	Yamada		
	B3	JP 61-174743		08-06-1986	Sakai		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C418	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatability Standard, Rev. 1.11", 02/05/1992, Bates Nos. QBB148827-9062
↓	C425	"Man-Machine Interface Of The Mobile Station", GSM 02.30 v. 3.9.0, 02/1992, QBB155113-155137
	C442	"Update On Ardis-Mobitex Radio Modem Competition", Newsbyte News Network, 10/02/1991
	C443	"Waiting Time For Wireless", Computerworld, 10/15/1990, pp. 73-75
	C491	MS-BSS Interface - General Aspects And Principles, GSM 04.01 v 3.0.01, 02/1992, QBB155196-155206
	C493	Network Functions, GSM 03.01 v 3.0.0, 02/1992, QBB155138-155152
	C502	Robert Meier Deposition Transcript, 11/18/2005
	C512	Steven Koenck Deposition Transcript, 11/15/2005
	C514	Technical Manual Callmaster IMTS Series: MT-200 & MT-300, 1982
↓	C518	"Ericsson - Company Report: Svenska International PLC", Ericsson Company Report, Svenska International PLC, Investext Report No. 1152645, 11/15/1991, p. 2
/DC/	C574	CALHOUN, Wireless Access and the Local Telephone Network, 1992

EXAMINER SIGNATURE	/Dady Chery/	DATE CONSIDERED	01/30/2008
-----------------------	--------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-76-9199) and select option 2.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Steven Koenck
		Group Art Unit	2687
		Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02		
Sheet	1	of	1

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C416	"A 1.6-3.2 GHz, High Phase Accuracy Quadrature Phase Locked Loop", Masters Thesis, Department Of Electrical Engineering And Computer Science, Mass. Inst. Of Technology, 06/2003
	C420	Digital And Ericsson Agree On Data Network Project", Wall Street Journal, 10/08/1991, p. B4
	C426	"Messenger User Guide", Cognito Limited, 04/1991
	C439	"Standards: Ericsson", Communications International 1991, 09/1991, p. 46
	C519	Posthearing Brief Of The Commission Investigative Staff, United States International Trade Commission, 04/03/2006
	C522	JOIFAEI et al., "Concept Of On-Board-Processing Satellites", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 391-394
	C523	SESHADRI et al., "Coded Modulation With Time Diversity, Unequal Error Protection, And Low Delay For The Rayleigh Fading Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 283-287
	C524	SLIMANE et al., "Coded Quadrature Pulse-Overlapping Modulation Techniques For Personal Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 293-297
	C525	WANG, "Coded BER Performance In A Correlative Fading Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 126-130
	C526	"Ericsson Wins Mobile Data Pact", Communications Week International, 06/26/1989, No. 21, p. 13
↓	C527	ROHL, A Short Look on Power Saving Mechanisms in the Wireless LAN Standard Draft IEEE Standard 802.11, 06/26/1997, Bates No. QBB218363-368

EXAMINER SIGNATURE	/Dady Chery/	DATE CONSIDERED	01/30/2008
--------------------	--------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/DC/	A1	4,449,248	05-15-1984	Leslie et al.	
	A2	5,027,428	06-25-1991	Ishiguro et al.	
	A3	5,058,023	10-15-1991	Kozikaro	
	A4	5,058,203	10-15-1991	Inagami, Fujio	
	A5	5,142,534	08-25-1992	Simpson et al.	
	A6	5,224,152	06-29-1993	Harte	
	A7	5,301,225	12-23-1992	Suzuki et al.	
	A8	5,375,254	12-14-1990	Owen	
	A9	5,420,911	05-30-1995	Dahlin et al.	
	A10	5,590,346	12-31-1996	West et al.	
	A11	5,274,666	12-28-1993	Dowdell et al.	
	A12	5,329,531	07-12-1994	Diepstraten et al.	
	A13	5,329,576	07-12-1994	Handforth	
	A14	5,371,734	12-06-1994	Fischer	
	A15	5,377,192	12-27-1994	Goodings et al.	
	A16	5,696,468	12-09-1997	Nise	
	A17	5,757,239	05-25-1998	Gilmore	
	A18	5,825,253	10-20-1998	Mathe et al.	
	A19	5,910,752	05-08-1999	Filipovic et al.	
	A20	6,348,841	02-19-2002	See	
	A21	6,522,871	02-18-2003	Patrick et al.	
	A22	6,583,675	06-24-2003	Gomez	
	A23	6,593,826	07-15-2003	See	
	A24	6,694,129	02-17-2004	Peterzell et al.	
	A25	6,714,983	03-30-2004	Koenck et al.	
	A26	6,731,146	05-04-2004	Gallardo	
	A27	6,819,197	11-16-2004	Maldonado	
	A28	6,823,033	11-23-2004	Fahim	
	A29	6,888,913	05-03-2005	Walker	
	A30	6,911,856	06-28-2005	Florescu	
	A31	6,928,275	08-09-2005	Patrick et al.	
	A32	6,937,872	08-30-2005	Krasner	
/DC/	A33	4,734,694	03-29-1998	Umetsu et al.	

**EXAMINER  
SIGNATURE**

/Dady Chery/

**DATE CONSIDERED**

01/30/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	2	Of	29		

/DC/	A34	4,903,319	02-20-1990	Kasai et al.	
	A35	4,964,121	10-16-1990	Moore	
	A36	4,977,611	12-11-1990	Maru	
	A37	5,128,938	07-07-1992	Borras	
	A38	5,146,214	09-08-1992	Yamada et al.	
	A39	5,203,020	04-13-1993	Sato et al.	
	A40	5,224,150	06-29-1993	Neustein	
	A41	5,275,254	01-04-1994	Shiraishi, et al.	
	A42	5,680,311	10-21-1997	Trsar, et al.	
	A43	5,745,523	10-27-1992	Dent et al.	
	A44	6,359,872	03-19-2002	Mahany et al.	
	A45	6,374,311	04-16-2002	Mahany et al.	
/DC/	A46	6,764,983	07-20-2004	Hammond et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B1					

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C1	Respondent Qualcomm Incorporated's Notice Of Prior Art, with Exhibits A & D attached thereto
	C2	Qualcomm's Response To Interrogatory 3, with Exhibits B & C attached thereto
	C3	INTENTIONALLY LEFT BLANK
	C4	INTENTIONALLY LEFT BLANK
	C5	"A New Chapter In Wireless Communication And Email", Electronic Messaging News, 11/27/1991, Vol. 3, No. 24
	C6	"A New Radio Access Protocol And Network Architecture For Mobile Packet Data", Cognito Group Limited, Bates Nos. QBB569268-323
	C7	"AMDC Extends RFP Deadline To March 10; Waiver Decision Expected At FCC's March Meeting", Industrial Communications, 02/17/1989, No. 7
	C8	"AMDC Picks Ericsson Gear", Communications Week, 06/12/1989, Vol. 252, p. 44
	C9	"An Effective Prioritization Scheme For Handovers In Cellular Networks", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 364-368
/DC/	C10	"Ardis Links With NCR Notepad 12/11/91", Newsbytes, 12/11/1991

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	3	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C11	"Ardis To Face Competition From RAM", Newsbytes, 02/05/1991
	C12	"Automation In Warehousing", Proceedings Of The 8 <sup>th</sup> International Conference, Tokyo, Japan, 10/06-08/1987, pp. 1-355
	C13	"Autonomous Radio Stations Possible Over Mobitex", Industrial Communications, 12/09/1988, No. 48
	C14	"Bean Bullish On Growth Of Mobile Data In New Future", Industrial Communications, 02/15/1991, No. 7, p. 8
	C15	"BellSouth Buys Into Ram's Nationwide Mobile Data Network", Industrial Communications, 10/18/1991, No. 42
	C16	"BellSouth Has Option To Buy RAM 10/11/91", Newsbytes, 10/11/1991
	C17	"BellSouth RAM In Joint Venture", BOC Week, 10/21/1991, Vol. 8, No. 40, p. 12
	C18	"BellSouth, RAM To Form Mobile Communications Joint Venture", PR Newswire, 10/10/1991, p. 1
	C19	"Briefing Document For The Design Of The Diplema Messenger MMI, 03/1989
	C20	"Broadband Lan Technology", 1988
	C21	"BT Opens New Service Center", Communications Week, 11/11/1991, p. 25
	C22	"Business Plan Appendix IV - Financial Projections"
	C23	"C Business Plan" Cognito Group Limited, 11/01/1990
	C24	"C Business Plan", Cognito Group Limited, 04/1990
↓	C25	"Canadian Cellular Industry (the) - Industry Report", First Marathon Securities Ltd. Industry Report, 10/25/1991, Investext Report No. 1154903, p. 30
/DC/	C26	"Cantel To Launch Mobile-Data And Paging Networks", The Gazette, Montreal Quebec, 05/10/1989, p. D1
	C27	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatability Standard, Draft Rev. 0", 07/31/1990, Bates Nos. QBB138614-832
	C28	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatability Standard, Draft Rev. 1", 10/01/1990, Bates Nos. QBB138833-9249
	C29	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatability Standard, Draft Rev. 1.1", 07/15/1991, Bates Nos. QBB139250-858
/DC/	C30	"Cellular System Dual-Mode Mobile Station - Base Station Compatibility Standard", EIA/TIA Interim Standard, 05/1990, IS-54
/DC/	C31	"Cellular System Mobile Station - Land Station Compatibility Specification", Office Of Science Technology Bulletin No. 53, 07/1983
/DC/	C32	"Change Request 05.02-11", Recommendation GSM 05.02, v. 3.3.0, 06/22/1989

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary))

Sheet 4 Of 29

**Complete If Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C33	"Change Request 05.02-14", Recommendation GSM 05.02, v. 3.3.0, 11/28/1989
	C34	"Coded First To Jump On Mobitex Equipment Bandwagon; Sees Data Licenses As Worth As Much As Cellular", Industrial Communications, 06/09/1989, No. 22
	C35	"Communications Personals", Communications Daily, 02/11/1991, Vol. 11, No. 28
	C36	"Complexity, High Price Keep Some Customers Away: Mobile Datacoms Taxes Users", Communications Week International, 04/01/1991, p. 20
	C37	"Consolidation, New Ventures Going Full Speed Ahead In All Markets", Industrial Communications, 10/06/1989, No. 36, p.1
	C38	"Covering Note To Draft Rec. GSM 01.04 Version 2.00.01 - Vocabulary In A GSM PLMN", GSM 01.04 v. 2.00.01, 09/28/1990
	C39	"Cutting The Ties That Bind", InformationWeek, 04/01/1991, Vol. 314, pp. 25-30
	C40	"DEC On Move: Teaming With Ericsson In Mobile Data Market", Communications Week International, 03/18/1991, p. 1
	C41	"DEC Targets Mobile Data Market", Communications Week International, 03/18/1991, p. 9
	C42	"DEC-Ericsson Agreement", Communications Week, 11/11/1991, p. 25
	C43	"Descriptive Air Interface Protocol", Cognito Group Limited, V. 6.0, 08/19/1991
	C44	"Digital And Ericsson To Co-Operate On Mobile Data", Exchange, 11/01/1991, Vol. 3, No. 42
	C45	"Discontinuous Reception (DRX) in the GSM System", Recommendation GSM 03.13, v 3.0.2, 01/15/1990
	C46	"Editorial: Telecom Trends", Newsbyte News Network, 12/24/1991
	C47	"Ericsson - Company Report First Boston Corporation (The)", 06/10/1988, Investext Report No. 813838, p. 9
	C48	"Ericsson - Company Report: Hoare Govett Investment Research Ltd", 10/01/1990, Investext Report No. 1039045, p. 22
	C49	"Ericsson - Company Report: Prudential Securities Inc.", 03/19/1990, Investext Report No. 1001955, p. 10
	C50	"Ericsson - Company Report: Svenska International PLC", Ericsson Company Report, Svenska International PLC, Investext Report No. 1142535, 10/04/1991, p. 2
	C51	"Ericsson (L.M.) (Telefon A/B) - Company Report: FT Analysis", Ericsson (L.M.) (Telefon A/B) Company Report FT Analysis, Investext Report No. 6027183, 11/19/1991, p. 3
	C52	"Ericsson And Digital Cooperate On Mobile Communications", Newsbyte News Network 10/08/91, Newsbytes, 10/08/1991
/DC/	C53	"Ericsson And Digital Cooperated In Mobile Data", Business Wire, San Francisco, 10/07/1991, p.1

EXAMINER

/Dady Chery/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	5	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C54	"Ericsson And GE And Speedwing Mobile Communications Team Up To Bring Mobile Data Communications To Airports Worldwide", Business Wire, San Francisco, 09/17/1991, p. 1
	C55	"Ericsson And GE Have Formed Joint Venture", Communications Daily, 08/28/1989
	C56	"Ericsson Announces Communications Software", Industrial Communications, 03/01/1991, No. 9
	C57	"Ericsson GE And Melard Technologies Announce A Strategic Alliance In Mobile Data Communications", Business Wire, San Francisco, 09/30/1991, p. 1
	C58	"Ericsson GE And Racotek Announce A Strategic Relationship For Mobile Data Communications", Business Wire, San Francisco, 09/16/1991, p. 1
	C59	"Ericsson GE And Racotek Inc. In Marketing Supply Deal", Alliance Alert-Medical Health, Vol. 2, No. 10, 10/01/1991,
	C60	"Ericsson GE And Speedwing Mobile Commun In Marketing Supply Deal", Alliance Alert-Medical Health, 10/1991, Vol. 2, No. 10
	C61	"Ericsson GE Awarded \$11.6 Million Contract From The U.S. Navy", Business Wire, San Francisco, 11/10/1993, p.1
	C62	"Ericsson GE Awarded Contract From The City Of Richardson, Texas", Business Wire, San Francisco, 10/01/1991, p. 1
	C63	"Ericsson GE In Development Deal With Anterior And RIM", Newsbyte News Network, 11/20/1991
	C64	INTENTIONALLY LEFT BLANK
	C65	"Ericsson GE In Joint Ventures To Develop Wireless E-Mail, Telecommunications Alert, 11/19/1991, Vol. 8, No. 38
	C66	"Ericsson GE Mobile Communications New R&D Center Begins Operations In North Carolina", Business Wire, San Francisco, 11/27/1990, p. 1
	C67	"Ericsson GE Mobile Communications Opens Research And Development Center In North Carolina", Business Wire, San Francisco, 05/01/1990, p. 1
	C68	"Ericsson GE Mobile Communications To manage Its Worldwide Cellular Telephone Business From RTP, N.C.", Business Wire, San Francisco, 04/24/1991, p. 1
	C69	"Ericsson GE Mobile Data And BRM Mobile Data Sign Agreements With GE Consumer Service", News Release, 07/25/1991, p.1
✓	C70	"Ericsson GE Mobile Data And RAM Mobile Data Sign Agreements With GE Consumer Services", Business Wire, San Francisco, 05/09/1991, p. 1
/DC/	C71	"Ericsson GE, Anterior Technology & Research In Motion (RIM) - Announce Wireless Access For E-Mail Users", News Release, 11/18/1991, p. 1

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary))		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Steven Koenck
		Group Art Unit	2687
		Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02		
Sheet	6	Of	29

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C72	"Ericsson Gets \$55M Pact for Cellular Radio Data Gear", Electronic News (1991), p. 19, 06/12/1989
	C73	"Ericsson Has Data Unit" Communications Week, 01/08/1990, p. 8
	C74	"Ericsson Mobile Data Formed In New Jersey", Communications Daily, 01/05/1990
	C75	"Ericsson Signs \$55 Million Agreement With RAM Broadcasting For Mobile Data Network", Industrial Communications, 06/02/1989, No. 20
	C76	"Ericsson To Introduce Radio Modem Next Month", Telecommunications Alert, 12/17/1991, Vol. 8, No. 56
	C77	INTENTIONALLY LEFT BLANK
	C78	"Ericsson/GE Announces New Agreements", Industrial Communications, 10/04/1991, No. 40
	C79	"Ericsson: Breakthrough \$55 Million Agreement For Mobile Data Network In U.S.A.", Edge, 06/12/1989, Vol. 4, No. 64
	C80	"Ericsson's Mobitex Mobile Data System Is Chosen By Cantel For Nationwide Public Mobile Data Service In Canada", News Release, Ericsson (LM) Telephone, 12/01/1988, p. 1
	C81	"European Digital Cellular Telecommunications System (Phase 1), Network Functions", GSM 03.01 v 3.1.1, 02/1992
	C82	"European Digital Cellular Telecommunications System (Phase 2), Discontinuous Reception (DRX) In The GSM System", GSM 03.13, v. 4.0.1, 07/01/1993
	C83	"European Digital Cellular Telecommunications System (Phase 2), Functions Related To MS In Idle Mode", GSM 03.22, Version 4.4.0, 06/25/1993
	C84	"European Digital Cellular Telecommunications System (Phase 2), Mobile Stations (MS) Features", GSM 02.07, 10/1993
	C85	"European Digital Cellular Telecommunications System (Phase 2), Mobile Stations Features", GSM 02.07, v. 4.4.1, 06/07/1993
	C86	"FCC Calendar Of Events For The Week Of February 11", FCC Daily Digest, 02/08/1991, Vol. 10, No. 27
	C87	"IBM, Motorola Join Networks Forming 2-Way Data Offering", Industrial Communications, 02/02/1990, No. 5, p. 1
	C88	"Industry Briefs", Network World, 10/14/1991, Vol. 8, No. 41, pp. 9, 11
	C89	"Lead Story #2: Swedish Government Picks Magnovox AVL For Upcoming Trials, Inside IVHS, 02/04/1991, Vol. 1, No. 3
✓	C90	"Man-Machine Interface Of The Mobile Station", Recommendation GSM 02.30, v 3.5.0, 03/1990
/DC/	C91	"Minigrams", Computergram International, no. 1805, CG111150023, 11/15/1991

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary))		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Steven Koenck
		Group Art Unit	2687
		Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02		
Sheet	7	Of	29

<b>OTHER ART -- NON PATENT LITERATURE DOCUMENTS</b>		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C92	"Mobidata And Cantel Set To Complete In Digital Mobile Data Market", Common Carrier Week, 05/22/1989, Vol. 6, No. 21
	C93	"Mobile Data Communications -- A New Market", News Release, 07/03/1987, p.1
	C94	"Mobile Data Communications: Erickson GE & Racotek In Strategic Relationship", Edge, 09/23/1991, Vol. 6, No. 165, p. 6
	C95	"Mobile Data Communications: Ericsson GE & Racotek In Strategic Relationship", Edge, 09/23/1991, Vol. 2, No. 70, p. 21
	C96	"Mobile Move", CommunicationsWeek International, 11/04/1991, No. 73, p. 3
	C97	"Mobile Station Features", Recommendation GSM 02.07, v. 3.4.0, 01/1991
	C98	"Mobile Station Features", Recommendation GSM 02.07, v. 3.3.0, 03/1990
	C99	"Mobile Station Features", Recommendation GSM 02.07, v. 3.4.1, 02/1992
	C100	"Mobile Station Features", Recommendation GSM 02.07, v. 3.4.1, 04/1991
	C101	"Mobile Users Get Electronic Mail Link (Anterior Technology)", Communications International, 12/13/1991, No. 1823, CGI12120016
	C102	"Motorola Inc. -- Company Report: Kidder, Peabody & Company, Inc.", 05/15/1990, Investext Report No. 1011254, p. 2
	C103	"MS-BSS Interface Data Link Layer Specification", Recommendation GSM 04.06, v. 3.6.0,
	C104	"MTel WOOS FCC For Two-Way Data Net At 930-931 MHz", Industrial Communications, No. 47, 11/22/1991
	C105	"Multi-Channel Land Mobile Systems For Dispatch Traffic (With Or Without PSTN Interconnection)", ITU-R -- International Telecommunication Union/ITU Radiocommunication Sector, 1990, Report No. 741-3, pp. 142-153
	C106	"Multiplexing And Multiple Access On The Radio Path", GSM Recommendation 05.02, v. 3.4.1, 01/1990
	C107	"National Car Rental Chooses RAM For Data Network Services", Industrial Communications, VIS24, 06/14/1991
	C108	"National Mobile Data Network Sends Out Request For Information; Dream System In Mind Already", Industrial Communications, 10/21/1988
	C109	"Noise-Free Data Nets Introduced", Telecommunications Alert, 07/1990, Vol. 8, No. 7
	C110	"Nokia -- Line Of Business Classification", Annual Report, 1987
✓	C111	"Nordic Monthly -- Geographic Report: Svenska International PLC", 10/01/1991, Investext Report No. 1142734, p. 6
/DC/	C112	"Northern Indiana Public Service Company Selects \$10 Million Ericsson GE Communications System", News Release, 11/11/1991, p.1

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 15 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary))

Sheet

8

Of

29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C113	"Other Manufactures Developing Compatible Hardware", Industrial Communications, 12/09/1988, No. 48
↓	C114	"Outline Of Idle Mode Tasks, GSM Recommendation" 03.22, v. 1.0.1, 05/23/1991
↓	C115	"Physical Layer On The Radio Path: General Description", Change Request 05.02-2, Recommendation GSM 05.01, v. 3.3.0, 11/17/1989
↓	C116	"Physical Layer On The Radio Path: General Description", GSM 05.01, v. 3.2.0, 05/1988
↓	C117	"Programme Management Review, GSM Action Plan, Review 18" ETSI/GSM 23, 06/05/1989
/DC/	C118	"Programme Management Review; GSM Action Plan, Review 18", GSM 243/89, 06/05/1989
↓	C119	"Proposed EAI,TIA Standard, Cellular System CDMA-Analog Dual-Mode Mobile Station - Base Station Compatibility Standard, Rev. 1.12", 03/16/1992
↓	C120	"Proposed EAI,TIA Standard, Cellular System CDMA-Analog Dual-Mode Mobile Station - Base Station Compatibility Standard, Rev. 1.13", 03/23/1992
/DC/	C121	"Proposed EIA/TIA Interim Standard, Wideband Spread Spectrum Digital Cellular System Dual-Mode Mobile Station - Base Station Compatibility Standard", EIA/TIA/IS-95, 04/21/1992
↓	C122	"Radio-Linked Network To Be Offered To Airlines 09/19/91", Newsbytes, Inc., 09/19/1991
↓	C123	"RAM Adds Customers To Mobile Data Network", Industrial Communications, 04/05/1991, No. 14
↓	C124	"RAM Mobile Data And Ericsson GE Mobile Data Announce Agreements With Sears Business Centers", News Release, 03/26/1991, p. 1
↓	C125	"RAM Mobile Data Launches Network With Transcontinental Message", News Release, 02/20/1991, p.1
↓	C126	"Ram Signs GE Consumer Service To A Pilot Test On its Data Network", Industrial Communications, 05/10/1991, No. 19
↓	C127	"Sales Decline: Ericsson 9-Month Net Off 53%", Electronic News, 1991, Vol. 37, Issue 18
↓	C128	"Sears Business Centers To Market RAM's Mobile Data Network", Industrial Communications, 03/29/1991, No. 13
↓	C129	"Sears Inks Pacts With Ericsson, RAM Mobile Data", Computer Reseller News, 04/29/1991, 102, Issue 418, p. 1-2
↓	C130	"Security Related Network Functions", Recommendation GSM 3.20, v. 3.3.2, 01/1991
↓	C131	"Service", Industrial Communications, 12/09/1988, No. 48
↓	C132	"SIM, Functional Characteristics", Recommendation GSM 02.17, v. 3.2.0, 03/1990
/DC/	C133	"Simware And Ram Mobile Data Network Sign Strategic Marketing Agreement", News Release, 10/07/1991, p. 1

EXAMINER

/Dady Chery/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 9 Of 29

**Complete If Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C134	"Smith Barney's Morning Call - Topical Report Smith Barney, Harris Upham & Co.", Investext Report, No. 1145237, 10/11/1991, p. 3
	C135	WEPMAN et al., "Spectrum Usage Measurements In Potential PCS Frequency Bands", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 10-15
	C136	"Strategic Agreement: Simware & Ericsson GE In Strategic Marketing Agreement For Laptop Computer Access To Corporate Mainframes", Edge, 10/21/1991, Vol. 6, No. 169, p. 17
	C137	"Supporting Research And Advanced Development", NASA Space Programs Summary 37-48, Vol. III, Jet Propulsion Laboratory, 12/31/1967, pp. 1-291
	C138	"Sweden Launches The World's First Public Radio Telecommunication Network For Text, Speech And Data", Newswire, Trade Publication, Industrial News Service, 02/24/1987
	C139	"Swedish Road Administration To Try Out Vehicle Location System", Industrial Communications Trade Publication, 04/05/1991, No. 14
	C140	"Swedish Telecom Mobitex System Eases Mobile Frequency Congestion", Communications News, 04/1985, Vol. 22, No. 4, p. 135
	C141	"The Messenger MMI Specification", 03/1990
	C142	"The Mobitex Packet-Switched Radio Data System", IEEE, 07/1992, pp. 534-538
	C143	"The OSPF Specification", 10/1989
	C144	BERTONI et al., "Theoretical Prediction Of Slow Fading Statistics in Urban Environments", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 1-4
	C145	"Third-Quarter Losses Prompt Sizable Ericsson Layoffs", Industrial Communications, 11/22/1991, No. 47
	C146	DEVASIRVATHAM et al., "Two Frequency Radiowave Propagation Measurements In Brooklyn", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 23-27
	C147	"U.K. Mobile Data Licenses Granted", Communications Week International, 02/26/1990, No. 36, p. 18
	C148	"U.S. Army Selects Digitally Accessed Trunked Communications System For Training Centers", News Release, 10/01/1991, p. 1
	C149	"Update On Ardis-Mobitex Radio Modem Competition", Newsbytes, Inc., 10/02/1991
	C150	XIA et al., "Urban And Suburban Microcellular Propagation", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 5-9
✓	C151	"Vandals Wreck Cardphones To Increase Booty From Payphones", Europe 2000 - Communications & Information Technology, 09/1991, Vol. 3, No. 7
/DC/	C152	"Vehicle Tracking And Communication Joint Venture", PRS Automotive Service, 08/22/1991

EXAMINER

/Dadv Cheryl/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	10/787,443
Sheet		10	Of	29	Filing Date February 26, 2004 First Named Inventor Steven Koenck Group Art Unit 2687 Examiner Name Fred A. Casca Attorney Docket Number 14425US02

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C153	"Why Did Ericsson Pick Up The Long-For-Sale GE Subsidiary?", Mobile Phone News, 08/31/1989, Vol. 7, No. 18
	C154	"Wireless Data: The Next Frontier For Cellular", Mobile Phone News, 12/05/1991, Vol. 9, No. 24, pp. 4-6
	C155	"Wireless World: Ericsson GE Enters Lockdown Matrix With Mobile Digital Telephone", Business Wire, San Francisco, 10/07/1991, p. 1
	C156	"Wireless World: Ericsson GE In Lockdown Matrix With Mobile Digital Telephone", Edge, 10/07/1991, Vol. 6, No. 167, p. 29
	C157	"Wireless World: Ericsson GE, Anterior Technology & Research In Motion Announced Wireless Access For E-Mail Users", Business Wire, San Francisco, 11/18/1991, p. 1
	C158	"Wireless World: Ericsson GE, Anterior Technology & Research In Motion (RIM) Announce Wireless E-mail", Edge, 11/25/1991, Vol. 6, No. 174, p. 4
	C159	"Year's Biggest Stories Land In Personal Communications, Spectrum (Part 1)" Industrial Communications, 01/04/1991, No.1
	C160	ABOWD et al., "Cyberguide: A Mobile Context-Aware Tour Guide", Wireless Networks, 1997, Vol. 3, pp. 421-433
	C161	AFEK et al., "End-To-End Communication In Unreliable Networks", Proceedings Of The 7th Annual ACM Symposium On Principles Of Distributed Computing (Toronto, Ontario, Canada), 1988, pp. 131-148
	C162	AGUIRRE et al., "Signal Strength Measurements At 915 MHz and 1920 MHz In An October Microcell Environment", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 16-22
	C163	OLMOS et al., "Performance Analysis Of A Second Order Delay-Lock Loop With Application To A CDMA System With Multipath Propagation", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 209-213
	C164	AKAIWA et al., "The Channel Segregation, A Self-Organized Dynamic Channel Allocation Method: Application to TDMA/FDMA Microcellular System", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 345-349
	C165	ALFANO et al., "UPT Supplementary Services European Standards Scenario", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 69-73
	C166	AMEDEN, "Activities Of The Cellular Telecommunications Industry Association Microcell/Microsystems Subcommittee Regarding Microcell Technology", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 147-150
✓ /DC/	C167	AOKI, "Improved Output Spectrum Of Linearized Class-F Power Amplifier For Digital Cellular Mobile Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 195-198

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	11	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C168	ARNDT et al., "International Standards On Universal Personal Telecommunications: State Of The Art And Future Projections", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 59-63
	C169	ASSARSSON, "Technology, Know-How And Teamwork - The Vital Circle In A Ro-Ro Port", Report No. 0-904930-27-0, 1984, pp. 138-142
	C170	BADRINATH et al., "Designing Distributed Algorithms For Mobile Computing Networks", Proceedings Of The Second Workshop On The Management Of Replicated Data Rutgers University, 1994, pp. 1-13
	C171	BADRINATH et al., "To Send Or Not To Send: Implementing Deferred Transmission In Mobile Host", ICDCS, Hong Kong, 06/1996, pp. 1-7
	C172	BALAKRISHNAN et al., "Improving Reliable Transport And Handoff Performance In Cellular Wireless Networks", Wireless Networks, 1995, Vol. 1, pp. 469-481
	C173	BART, "Vendors Join The Wireless Bandwagon", Communications International, 10/1991, Vol. 18, No. 19, p. 25
	C174	BARTOLI, "Group-Based Multicast And Dynamic Membership In Wireless Networks With Incomplete Spatial Coverage", Mobile Networks And Applications 3, 1998, pp.175-188
	C175	BEAN, "Paging At The Crossroads - Industry Report", Arthur D. Little Decision Resources, Inc., 06/27/1990, Investext Report No. 1111592, pp. 5-6
	C176	BEDINGFIELD, "On The Concept Of A Service Host For Personal Communications Services", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 314-318
	C177	BERKMAN, "Ericsson Is Restructuring To Adapt To A Deregulated Global Market", Electronic Business, 01/21/1991, Vol. 17, No. 2, pp. 34-38
	C178	BERNTSON, "Mobitex - A New Network For Mobile Data Communications", Ericsson Review, 1989, Vol. 66, Issue 1, p. 33, Bates Nos. QBB151463-151469
	C179	BIBA, "A Hybrid Wireless MAC Protocol Supporting Asynchronous And Synchronous MSDU Delivery Services", IEEE 802.11/91-92, 09/1991
	C180	BINKLEY et al., "Authenticated Ad Hoc Routing At The Link Layer For Mobile Systems", Wireless Networks, 2001, Vol. 7
	C181	BLANKENHORN, "PacTel Cellular Introduces Microcells In Los Angeles", Newsbytes, Inc., 10/02/1991
V	C182	BLAZEVIĆ et al., "Self-Organizing Wide-Area Routing", Proc. Of SCI, 2000, pp. 1-8
/DC/	C183	BONCOMPAGNI et al., "Comments: Telecom Leaders From Around The World Reveal their Plans For The Future", Telephony, 02/27/1989, Vol. 216, No. 9, p. 28

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

12

Of

29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C184	BOOKER, "Cellular Modems Put The Office On The Road", Computerworld, 03/11/1991, Vol. 25, No. 10, pp. 43-44
	C185	BOOKER, "Wireless Networks Create Tough Choices", Computerworld, 12/02/1991, Vol. 25, No. 48, pp. 55-56
	C186	BORGMAN, "Telefonaktiebolaget Lm Ericsson - Company Report: Dillon, Read & Co.", 05/21/1990, Investext Report No. 1008947, p. 12
	C187	BOYER, "An Analytical Comparison Of Block Error Rate Performance For Wireline Data Modulation Standards In A Variably Fading Ricean Analog Cellular Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 121-125
	C188	BRAGWAD et al., "Advanced Intelligent Network Requirements For Personal Communications Services", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 324-328
	C189	BRODSKY, "Wireless Data Networks And The Mobile Workforce", Telecommunications, 12/1990, Vol. 24, No. 12, p. 31
	C190	BRODSKY, "Wireless MANs/WANs Offer 'Data To Go'", Business Communications Review 02/1991, Vol. 21, No. 2, p. 45-51
	C191	BUCK, "Tele-Trends - Industry Report, Donaldson, Lufkin & Jenrette Securities Corp.", 06/24/1988, Investext Report No. 814739, p. 8
	C192	BULUSU et al., "Scalable coordination For Wireless Sensor Networks: Self-Configuring Localization Systems", Proceedings Of The 6th International Symposium On Communication Theory And Applications (ISCTA), 07/2001, pp. 1-6
	C193	BUSHAUS, "GE, Ericsson In Cellular Pact", Telephony's AM Report, 08/28/1989, Vol. 217, No. 10, p.3
	C194	CÁCERES et al., "Fast And Scalable Wireless Handoffs In Support Of Mobile Internet Audio, Mobile Networks And Applications 3, 1998, pp. 351-363
	C195	CÁCERES et al., "The Effects Of Mobility On Reliable Transport Protocols", International Conference On Distributed Computing Systems, 11/01/1993
	C196	CÁCERES et al., "Improving The Performance Of Reliable Transport Protocols In Mobile Computing Environments", IEEE Journal On Selected Areas In Communications, 06/1995, Vol. 13, No. 5, pp. 1-10
	C197	CALHOUN, "Digital Cellular Radio", 1988
↓	C198	CALLENDAR, "Standards For Global Personal Communications Services", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 163-167
/DC/	C199	CAMAZZA et al., "PCS Data Management In An Intelligent Network", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 329-333

EXAMINER

/Dady Chery/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	13	Of	29		

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C200	CAMPBELL et al., "A Cellular IP Testbed Demonstrator", Center For Telecommunications Research, Columbia University, New York, 1999, pp. 1-4
	C201	CARPINTERO et al., "Requirements For The Interconnection Of Base Stations In A Wireless System", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 141-146
	C202	Cellular Data Network Functional Specification Rev. 2.0.2, 10/05/1992
	C203	Cellular Digital Packet Data System Specification Overview
	C204	Cellular Digital Packet Data System Specification Preliminary Release 0.8 – Book 1, 03/19/1993
	C205	Cellular Digital Packet Data System Specification Preliminary Release 0.8 – Book II, 03/19/1993
	C206	Cellular Digital Packet Data System Specification Preliminary Release 0.8 – Book III, 03/19/1993
	C207	Cellular Digital Packet Data System Specification Release 0.3 Preliminary Working Draft, 12/28/1992
	C208	Cellular Digital Packet Data System Specification Release 0.8 – Book 4IV, 03/19/1993
	C209	Cellular Digital Packet Data System Specification Release 0.8 – Book V, 03/19/1993
	C210	Cellular Digital Packet Data System Specification Release 0.9 – Preliminary Draft, N/A, 04/30/1993
	C211	Cellular Digital Packet Data System Specification Release 1.0 – Book II, 07/19/1993
	C212	Cellular Digital Packet Data System Specification Release 1.0 – Book III, 07/19/1993
	C213	Cellular Digital Packet Data System Specification Release 1.0 – Book IV, 07/19/1993
	C214	Cellular Digital Packet Data System Specification Release 1.0 – Book V, 07/19/1993
	C215	Cellular Digital Packet Data System Specification Release 1.0 – Book I, 07/19/1993
	C216	Cellular Digital Packet Data System Specification Release 1.1 – Book 1, 1995 CDPD Forum, Inc., 01/19/1995
	C217	Cellular Digital Packet Data System Specification Release 1.1 – Book 2, 1995 CDPD Forum, Inc., 01/19/1995
	C218	Cellular Digital Packet Data System Specification Release 1.1 – Book 3, 1995 CDPD Forum, Inc., 01/19/1995
✓	C219	Cellular Digital Packet Data System Specification Release 1.1 – Book 4, 1995 CDPD Forum, Inc., 01/19/1995
/DC/	C220	Cellular Digital Packet Data System Specification Release 1.1 – Book 5, 1995 CDPD Forum, Inc., 01/19/1995

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	14	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C221	Cellular Digital Packet Data System Specification Release 1.1 – Book 6, 1995 CDPD Forum, Inc., 01/19/1995
	C222	Cellular Digital Packet Data System Specification Release 1.1 – Book 7, 1995 CDPD Forum, Inc., 01/19/1995
	C223	Cellular Digital Packet Data System Specification Release 1.1 – Book 8, 1995 CDPD Forum, Inc., 01/19/1995
	C224	CHANG, "Dispersive Fading Effects In CDMA Radio Systems", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 185-189
	C225	Change Request to Specification GSM 02.11 Service Accessibility GSM 02.11, v 4.4.0, 02/11/1993
	C226	CHEN et al., "Signaling System Number 7 Network Interconnect Impacts In Support Of Mobile Communications Services", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 247-252
	C227	CHUANG, "Frequency Reuse For Two Co-Existing TDMA Personal Communications Systems", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 350-354
	C228	CIANCETTA et al., "Universal Personal Telecommunication Provision Within Intelligent Networks", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 319-323
	C229	CONNOLLY, "Mobile Data Mission", Communications, 08/1990, Vol. 27, No. 8, pp. 41-48
	C230	COURSEY, "Mobile Computing Matures: Radio Modems Will Let Portables Send, Receive E-Mail, InfoWorld, 1991, Vol. 13, Issue 51, p. 28
	C231	CRANINCKX et al., "Wireless CMOS Frequency Synthesizer Design", 1998
	C232	CUNNINGHAM, "Rascal Telecom-Company Report Scrimgeour Vickers", 02/17/1989, Investext Report No. 908246, p. 4
	C233	DAVIS et al., "Filtered Spreading Sequences For Interference Avoidance", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 54-58
	C234	DIDNER, "Data Goes Mobile", Telephony, 03/11/1991, Vol. 220, No. 10, pp. 24-25
	C235	DIDNER, "The Next Step In Mobile Communications", Telecommunications, 12/1990, Vol. 24, No. 12, p. 48-50
	C236	DOMMETY et al., "Flat Location Management Scheme For PCNs", 1997
	C237	DUBE et al., "Signal Stability Based Adaptive Routing (SSA) For Ad-Hoc Mobile Networks", IEEE Personal Communication, 08/26/1996, pp. 1-22
↓ /DC/	C238	DUET, "An Assessment Of Duplexing Methods For The Radio Links Of Personal Communication Systems", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 131-135

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 15 Of 29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C239	EARNshaw, "The Topology Discovery Service", 02/18/1993, pp. 11 1 - 11 8
	C240	EDWARDS, "Simware Targets Software At RF Wireless Market", Computing Canada, 11/07/1991, Vol. 17, No. 23, p. 53
	C241	EGAN et al., "City Of Dallas Fire Department Purchases \$4 Million Ericsson GE Communications System", Business Wire, San Francisco, 10/16/1991
	C242	EGAN et al., "Ericsson And GE Form Mobile Communications Joint Venture", Business Wire, San Francisco, 08/24/1989, p. 1
	C243	EGAN et al., "McCaw Cellular, LIN Broadcasting To Rebuild Cellular Systems In N.Y., N.J. Pacific Northwest With Ericsson GE Equipment", Business Wire, San Francisco, 10/03/1990, p. 1
	C244	EGAN et al., "SaskTel Purchases New Ericsson GE Communications System To Serve Saskatchewan", Business Wire, San Francisco, 10/23/1991, p. 1
	C245	EGAN, "Ericsson Signs Breakthrough Agreement For Mobile Data Network", Business Wire, San Francisco, 05/31/1989, p. 1
	C246	ELSON et al., "Fine-Grained Network Time Synchronization Using Reference Broadcasts", 05/17/2002, pp.1-14
	C247	ENG et al., "A Wireless Broadband Ad-Hoc ATM Local-Area Network", Wireless Networks 1, 1995, pp. 161-174
	C248	EPSTEIN, "Indigenous Switching", Industry Report: Arthur D. Little Decision Resources, Incorporated, 07/01/1987, Investex Report No. 938157, p. 6
	C249	ERGEN et al., "MEWLANA-Mobile IP Enriched Wireless Local Area Network Architecture", Proc. Of IEEE Vehicular Technology Conference (Vancouver), 03/2002, Vol. 4, pp. 2449-2453
	C250	FENNER, "Mobil Address Management And Billing For Personal Communications, IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 253-257
	C251	FOYIL, "Nokia - Company Report: UBS Phillips & Drew Global Research Group", 10/08/1990, Investex Report No. 1034219, p. 2
	C252	FRANGINI, "Rogers Cantel Launches 'Public Access' Mobile Network", Computing Canada, 06/07/1990, Vol. 16, No. 12, p. 53
	C253	FRASER, "The Mobitex Terminal Specification", Communications, 07/1991, Vol. 28, No. 7, pp. 33-38
	C254	FRASER, "The MTS - Part II", Communications, 08/1991, Vol. 28, No. 8, pp. 52-55
/DC/	C255	FUDGE, "Third Generation Mobile Systems - What They Will Do And Who Decide", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 433-442

EXAMINER

/Dady Cheryl/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	16	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C256	GATES, "Computers Enter The Wireless Age: New Technology Can Link Terminals Spanning Globe", Financial Post, 06/08/1991, p. 13
	C257	GHASSEMIAN, "Evaluation Of Different Handoff Schemes For Cellular IP", Master's Thesis, Kings College, London, 2001
	C258	GOLDBERG, "Systems Engineering And Program Management For Personal Communications In T1P1", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 151-157
	C259	GOODMAN, "Cellular Packet Communications", IEEE Transactions On Communications, 08/1990, Vol. 38, No. 8
	C260	GROSS, "Telephone Lines - Industry Report, Donaldson, Lufkin & Jenrette Securities", Industry Report, 11/11/1991, Investext Report No. 1149341, p. 14
	C261	GSM Program Management Information, GSM 87/88, 04/22/1998
	C262	HABER, "The Art Of Wireless Computing", Midrange Systems, 08/06/1991, Vol. 4, No. 16, p. 66
	C263	HASSELBERG, "Mobitex Permits Tailored Telecom", Tele (English Edition), No. 2., 1988, Vol. XXXXI, pp. 14-16
	C264	HAUG et al., "Microcellular Radio Performance In A Rayleigh/Rician CoChannel Interference Environment", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 112-115
	C265	HAYES et al., "Personal Satellite Communications Utilizing The KA-Band", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 385-390
	C266	HIGHTOWER et al., "Design And Calibration Of The SpotON Ad-Hoc Location Sensing System", 08/2001, pp. 1-18
	C267	HINES, "LM Ericsson - Company Report: Paine Webber Inc.", 12/10/1991, Investext Report No. 1153781, p. 9
	C268	HIRSCHMAN, "Service Mobility/Transparency For Personal Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp.334-338
	C269	HO, "Effects Of Antenna Polarization And Beam Pattern On Multipath Delay Spread And Path Loss In Indoor Obstructed Wireless Channels", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 92-96
	C270	HODES et al., "Composable Ad-Hoc Location-Based Services For Heterogeneous Mobile Clients", Wireless Networks, 1989, Vol. 5, pp. 411-427
✓	C271	HONCHARENK et al., "Theoretical Prediction Of UHF Propagation Within Office Buildings", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 102-105
/DC/	C272	HUANG et al., "OPNET Simulation Of A Multi-Hop Self-Organizing Wireless Sensor Network", Florida Communication Research Labs, Motorola Labs, Fort Lauderdale, FL 33322, 2002

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	17	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C273	HUNT, "The Regulatory Environment For Personal Communications In The Post-WARC-92 Period", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 429-432
	C274	INTENTIONALLY LEFT BLANK
	C275	IOANNIDIS et al., "IP-Based Protocols For Mobile Internetworking", Proceedings Of Conference On Communications Architecture & Protocols, 1991, pp. 1-17
	C276	IOANNIDIS et al., "IP-Based Protocols For Mobile Internetworking", Proceedings Of Conference On Communications Architecture & Protocols, 1991, pp. 235-245
	C277	JAIN, "Characteristics Of Destination Address Locality In Computer Networks: A Comparison Of Caching Schemes", 06/25/1990
	C278	JAKOBS et al., "Electronic Mail In Broadcast Networks", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 412-416
	C279	JALALI et al., "Performance Of Data Protocols For In-Building Wireless Systems", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 407-411
	C280	JETCHEVA et al., "Adaptive Demand-Driven Multicast Routing In Multi-Hop Wireless Ad Hoc Networks", Proceedings Of The 2nd ACM International Symposium On Mobile Ad-Hoc Networking & Computing (Long Beach Session: Routing And Transport), 2001, pp. 33-44
	C281	JOHANSSON et al., "Scenario-Based Performance Analysis Of Routing Protocols For Mobile Ad-Hoc Networks", Proceedings Of The 5th Annual ACM/IEEE International Conference On Mobile Computing And Networking (Seattle), 1999, pp. 195-206
	C282	JOHANSSON, "The Mobitex Experience", Paper Presented At International Mobile Communications (London 1990), 06/1990, pp. 55-68
	C283	INTENTIONALLY LEFT BLANK
	C284	JUNG et al., "A Power Saving MAC Protocol For Wireless Networks", Department Of Computer Science, Texas A&M University, Technical Report, 07/2002
	C285	JUNG et al., "An Energy Efficient MAC Protocol For Wireless LAN's", Department Of Computer Science, Texas A&M University, Technical Report TR01-017, 07/31/2001
	C286	KAPLAN, "The Network In Your Pocket", Business Communications Review, 03/1991, Vol. 21, No. 3, p. 112
	C287	KARP et al., "GPSR: Greedy Perimeter Stateless Routing For Wireless Networks", Proceedings Of The 6th Annual International Conference On Mobile Computing And Networking (Boston), 2000, pp. 243-254
✓	C288	KARP, "Geographic Routing For Wireless Networks", PhD Thesis, Harvard University, 10/2000
/DC/	C289	KATZ, "The Use Of Connectionless Network Layer Protocols Over FDDI Networks," ACM SIGCOMM Computer Communication Review, Vol. 20(3), 1990, pp. 32-45
EXAMINER /Dady Chery/		DATE CONSIDERED 01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	18	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C290	KAY, "Extended-TDMA™ A High Capacity Evolution Of U.S. Digital Cellular", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 182-184
	C291	KEARNS, "Scope Of ZENworks 7 Suite Stretches Far And Wide", Network World, ( <a href="http://www.networkworld.com/newsletters/netware/2005/0829nw1.html">http://www.networkworld.com/newsletters/netware/2005/0829nw1.html</a> ), 08/30/2005
	C292	KHANDANI et al., "ISI-Reduced Modulation Over A Fading Multipath Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 288-292
	C293	KIANG, "Characteristics Of Two-Alternative Frequency Channel Assignment Methods For TDMA Wireless Access Systems", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 355-358
	C294	KIANG, "Geometrical Ray Tracing Approach For Indoor Wave Propagation In A Corridor", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 106-111
	C295	KIKUTA, "Global UPT Architecture With International Mobility Management", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 229-235
	C296	KILPATRICK, "Mobile Packet-Switched Data Networks", RF Expo East, Orlando, FL, 10/29/1991-10/31/1991, pp. 367-369
	C297	KIM, "KBLCOM Eyes Automated Customer Service System", Multichannel News, 03/25/1991, p. 102
	C298	KLEEMAN, "Optimal Estimation Of Position And Heading For Mobile Robots Using Ultrasonic Beacons And Dead-Reckoning", Proceedings Of The 1992 IEEE International Conference On Robotics And Automation (Nice, France), 1992
	C299	KRASHINSKY et al., "Minimizing Energy For Wireless Web Access With Bounded Slowdown", 2002, Proc. ACM Mobicon 02:119-130
	C300	KRECHMER, "A Review Of US Mobile Communications Standards", Telecommunications, 07/1991, Vol. 25, No. 7, p. 43-45
	C301	KRIZ et al., "Spread Spectrum Indoor Video Transmission", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 421-425
	C302	KU, "The Outlook Of DCS 1800 For Personal Communications Networks", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 168-171
↓	C303	KUBO et al., "Simulated Tolerance Of Loop Parameters Of Cartesian Feedback Amplifier For $\pi/4$ - Shifted QPSK Transmitter", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 136-140
/DC/	C304	KUMAR, "Antennas For MSAT Ground Terminals", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 219-223

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	19	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C305	KWOK, "Wireless Networking Requirements Of Multimedia Applications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 402-406
	C306	LAMBERT, "Security For Universal Personal Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 44-48
	C307	LARSEN, "Marketing Mobile Data Services And Equipment", Proceedings Of Cellular & Mobile Communications 88, 11/1988, pp. 111-116
	C308	LARSEN, "Mobitex - A System For Mobile Data Communication", Information Network And Data Communication, III, Proceedings Of The IFIP TC6 International Conference On Information Network And Data Communication, Lillehammer, Norway, 03/1990, pp. 239-247
	C309	LARSEN, "Mobitex - Public Mobile Radio Service", Communications International, 10/1986, Vol. 13, Pt. 10, p. 96
	C310	LAU et al., "Interworking Of Satellite And Terrestrial Networks For Land Mobile Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 375-379
	C311	LAVAL et al., "Cognito Network Overview", Cognito Group Limited, 09/19/1990
	C312	LAVAL, "Briefing Document For A Brochure On The Cognito Mobile Messaging Service", Cognito Group Limited, 05/22/1990
	C313	LAWSON-JENKINS, "The Role of GSM In The Development Of Standards For A Worldwide Personal Communication Network", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 79-81
	C314	LEIBOWITZ et al., "Rogers Cantel Mobile Communications Inc. - Company Report", Donaldson, Lufkin & Jenrette Securities, Investext Report No. 1145153, 10/15/1991
	C315	LIN et al., "A Two-Stage Maximum Likelihood Sequence Estimation Technique And Its Application To Data Transmission Protocol In Digital Cellular Radio", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 303-307
	C316	LINNARTZ et al., "Performance Of Personal Communication Networks With Error Correction Coding In Microcellular Channels", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 308-313
	C317	LO et al., "An Estimate Of Network Database Transaction Volume To Support Personal Communications Services", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 236-241
↓	C318	IOANNIDIS et al., "The Design And Implementation Of A Mobile Internetworking Architecture", 1993 Winter USENIX, San Diego, CA, 01/25/1993-01/29/1993, pp. 489-500
/DC/	C319	LOBERG et al., "Mobitex - The New Swedish Cellular Mobile Radio Service", International Conference On Radio Receivers & Associated Systems (4 <sup>th</sup> : 1986), 1986, Pub. No. 68, pp. 77-82

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	20	Of	29		

**OTHER ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C320	LOBERG et al., "Mobitex Brings A New Look To Dispatch Communications", Communications International, 02/1985, Vol. 12, No. 2, pp. 25-32
	C321	LONG et al., "Rapid Prototyping Of Mobile Context-Aware Applications: The Cyberguide Study", Proceedings Of The 2nd Annual International Conference On Mobile Computing And Networking, (Rye, NY), 1996
	C322	LOUDERMILK, "Trio Throws Weight Behind Radio E-Mail Technology", PC Week, 12/02/1991, Vol. 8, No. 48, p. 39
	C323	LUSA, "The ITU's Quadrennial Telecom Show In Geneva Attracts And Dazzles Thousands", Networking Management, 12/1991, Vol. 9, No. 14, pp. 12-14
	C324	LYCKSELL, "Mobitex: A New Radio Communication System For Dispatch Traffic", Tele (English Edition), 1983, Vol. 35, Issue 1, pp. 68-75
	C325	MADHOW, "Minimum Mean Squared Error Interference Suppression For Direct-Sequence Spread-Spectrum Code-Division Multiple-Access", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 273-277
	C326	MALYAN et al., "A Wireless Personal Communications Architecture For Urban Areas", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 116-120
	C327	MANDELL et al., "A Comparison Of CDMA And Frequency Hopping In A Cellular Environment", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 172-176
	C328	MARIC et al., "Microcell Planning And Channel Allocation For Manhattan Street Environments", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 359-363
	C329	MATHY et al., "An Overlay Tree Building Protocol", J. Crowcroft And M. Hoffman (Eds.) Springer-Verlag Berlin Heidelberg, 2001, pp. 76-87
	C330	McILWAIN et al., "Routing Technology Software Inc. And Ericsson GE Team Up To Provide 'Roadshow' Routing Application To Mobitex Networks Worldwide", Business Wire, San Francisco, 06/06/1991, p. 1
	C331	"Mobile Radio Interface Layer 3 Specification", Recommendation GSM 04.08, v. 3.3.1, 04/1989
	C332	MOKHTAR et al., "Capacity For Cellular CDMA PCS's In Nakagami Fading Log-Normal Shadowing Channels", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 190-194
	C333	MORRISON et al., "Statistical Analysis And Autoregressive Modeling Of The Indoor Radio Propagation Channel", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 97-101
	C334	MULQUEEN, "Mobile Data Network Debuts", Data Communications, 01/1991, p. 78
/DC/	C335	MURPHY et al., "UPT: Mobility vs. Portability", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 224-228

EXAMINER	/DC/	DATE CONSIDERED	01/30/2008
----------	------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 21 Of 29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C336	MURTHY et al., "A Routing Protocol For Packet Radio Networks", Proceedings Of The 1st Annual International Conference On Mobile Computing And Networking (Berkeley), 1995, pp.86-95
	C337	MURTHY et al., "An Efficient Routing Protocol For Wireless Networks", Mobile Networks And Applications 1, 1996, pp. 183-197
	C338	NAKAJIMA et al., "Intelligent Network Architecture For Personal Mobile Telecommunication", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 339-344
	C339	NICHOLS, "LM Ericsson - Company Report: Prudential Securities Inc.", 10/11/1990, Investext Report No. 1035361, p. 19
	C340	NIKAEIN et al, "DDR-Distributed Dynamic Routing Algorithm For Mobile Ad Hoc Networks", Proc. Of The 1st Annual ACM International Symposium On Mobile Ad Hoc Networking & Computing (Boston), Session A, 2000, pp. 19-27
	C341	NOEL et al., "The Development Of An 8 KBPS GMSK-Like Modem For Mobitex", IEEE Pacific Rim Conference On Communications, Computers And Signal Processing, 05/09/1991-05/10/1991, Vol. 2, pp. 791-794
	C342	NOERPEL, "Hybrid Signaling For The Air Interface For A Wireless Access Communication System", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 49-53
	C343	O'BYRNE, "Digital Cellular Over The Cable Television Fiber-Optic Plant", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 205-208
	C344	PANDE et al., "Application Of Wireless Access To Telecommunication Services In Developing Countries", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 82-86
	C345	PERLMAN, "An Algorithm For Distributed Computation Of A Spanning Tree In An Extended LAN", Proceedings Of The Ninth Symposium On Data Communications (Whistler Mountain, British Columbia, Canada), 1985, pp. 44-53
	C346	PERLMAN, "Incorporation of Multiaccess Links Into A Routing Protocol", Proceedings Of The Eighth symposium On Data Communications (North Falmouth, MA), 1983, pp. 85-94
	C347	POUWELSE et al., "Power Consumption Trade-Offs For Wireless Audio Access", Delft University Of Technology, 2000
	C348	POWELL, "Cellular Telephones Give Way To 'Mobile Communications", Communications Canada, 06/22/1989, p. 35
↓	C349	POWELL, "Use Cellular To Support Datacom Applications", Networking Management, 04/1991, Vol. 9, No. 5, pp. 30-34
/DC/	C350	PRAKASH, "A Routing Algorithm For Wireless Ad Hoc Networks With Unidirectional Links", Wireless Networks, 2001, Vol. 7, pp. 617-625

EXAMINER

/Dady Chery/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary))				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	22	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C351	PRAKASH, "Unidirectional Links Prove Costly In Wireless Ad Hoc Networks", Proceedings Of The 3rd International Workshop On Discrete Algorithms And Methods For Mobile Computing And Communication (Seattle), 1999, pp. 15-22
	C352	PRESTON, "Ericsson, GE Form Mobile Venture", Communications Week International, 08/21/1989, No. 25, p. 9
	C353	PRIYANTHA et al., "The Cricket Compass For Context-Aware Mobile Applications", Proceedings Of The 7th Annual International Conference On Mobile Computing And Networking (MOBICOM 2000), 2001, pp. 1-14
	C354	PURTON, "BT Admits Impact Of Recession But Still Manages To Improve Results", Europe 2000 - Communications & Information Technology, Vol. 3, No. 7, pR 93(1), 09/1991
	C355	RAMESH et al., "Spectral Shaping Using Coded Modulation For Mobile Radio", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 298-302
	C356	REINBOLD et al., "A Comparison Of IP Mobility Protocols", Tech. Rep. Infonet-TR-13, 12/2001
	C357	REITER, "Three Cellular Modems", PC Magazine, 12/25/1990, Vol. 9, No. 22, p. 365
	C358	RODRIGUES et al., "Rural Satellite Service: A Mexican View", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 380-384
	C359	ROHANI et al., "Low Cost High Performance CDMA System For U.S. PCS", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 278-282
	C360	RÖHL et al., "A Short Look On Power Saving Mechanism In The Wireless LAN Standard" Draft IEEE 802.11, 1997, pp. 1-6
	C361	ROYER et al., "Multicast Operation Of The Ad-Hoc On-Demand Distance Vector Routing Protocol", Proceedings Of the 5 <sup>th</sup> Annual ACM/IEEE International Conference On Mobile Computing And Networking (Seattle), 1999, pp. 207-218
	C362	RPM Native Mode Interface R1.1.1 Reference Manual, 05/01/1992
	C363	SALKINTZIS et al., "Mobile Packet Data Technology: An Insight Into MOBITECH Architecture," IEEE Personal Communications, 02/1997, pp. 10-18
	C364	SANFORD et al., "Facade Integrated Microstrip Patch Antennas Applied To Personal communication Networks", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 214-218
	C365	SAVAGE, "A Technology To Link Professionals On The Road To Central Information Systems: Mobitex Public Networks In Europe", World Congress On Applications Of Transport Telematics And Intelligent Vehicle-Highway Systems, 1995, Vol. 5, pp. 2662-2668
✓	C366	SCHWARTZ, "Ericsson Set To Debut Radio Modems", Communications Week, 12/02/1991, p. 21
/DC/	C367	INTENTIONALLY LEFT BLANK
EXAMINER		DATE CONSIDERED
/Dady Chery/		01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 23 Of 29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C368	SESHAN et al., "The Role Of Digital Signal Processing In Personal Communications Networks", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 200-204
	C369	SESHAN, "Low-Latency Handoff For Cellular Data Networks", Ph.D. Thesis, University Of California At Berkeley, 1995
	C370	SHEETY et al., "Development In Mobile Markets", Communications International, 12/1991, Vol. 18, No. 12, p. 47
	C371	INTENTIONALLY LEFT BLANK
	C372	SNEED, "A 2-GHz CMOS LC-Tuned VCO Using Switched-Capacitors To Compensate For Bond Wire Inductance Variation", University Of California, Berkeley, 12/21/2000, pp. 1-51
	C373	SOLLENBERGER et al., "An Efficient TDMA Radio Link And Architecture For Wireless Local Access", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 262-266
	C374	SRISATHAPORNPAT et al., "Coordinated Power Conservation For Ad Hoc Networks", IEEE International Conference On Communications, 25(1), 2002, pp. 3330-3335
	C375	STEIN, "Greater Efficiency With Mobile Data Communication", Ericsson Review, 1991, Vol. 68, Issue 4, pp. 104-110
	C376	STEINERT-THRELKELD, "Ericsson Unit To Aid New Network; Richardson Firm To Provide Equipment For Cellular Data Link", The Dallas Morning News, Record No. DAL1073150, 06/01/1989
	C377	"Subscriber Identity Modules, Functional Characteristics", Recommendation GSM 02.17, v. 3.2.0, 03/1990
	C378	SUDAME et al., "On Providing Support For Protocol Adaptation In Mobile Wireless Networks", Mobile Networks And Applications 6, 2001, pp. 43-55
	C379	SWEENY, "IBM, Motorola Join To Offer Mobile Data", Communications Week, 02/05/1990, Vol. 286, pp. 2, 84
	C380	TAKATS et al., "A Network Management Architecture For Satellite Based Personal Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 395-401
	C381	TAN et al., "A Fast Handoff Scheme For Wireless Networks", Proceedings Of The 2nd ACM International Workshop On Wireless Mobile Multimedia (Seattle, WA), 1999
	C382	TAN et al., "Mobicast: A Multicast Scheme For Wireless Networks", Mobile Networks And Applications 5, 2000, pp. 259-271
↓	C383	TANNO et al., "Multiplexing Of Communication Ports On Unix Terminals For Packet Radio Networks", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 417-420
/DC/	C384	Technical Manual Callmaster/Smart MT-270, 1982

EXAMINER

/Dady Chery/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	10/787,443	
Sheet		24	Of	29	Filing Date	February 26, 2004
					First Named Inventor	Steven Koenck
					Group Art Unit	2687
					Examiner Name	Fred A. Casca
					Attorney Docket Number	14425US02

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C385	THORBORG et al., "Mobimed – A Telemedicine System For Mobile Monitoring Of Physiological Parameters", Telecommunication For Health Care: Telemetry, Teleradiology, And Telemedicine 1990, Proceedings Of IEEE Western Canada Conference And Exhibition, 07/06/1990-07/07/1990, SPIE, Vol. 1355, pp. 32-35
	C386	TODD et al., "Low Power Rendezvous In Embedded Wireless Networks", Proceedings Of The 1st ACM International Symposium on Mobile Ad Hoc Networking & Computing (Boston), Sessions D, 2000, pp. 107-118
	C387	TODD et al., "Space And Frequency Diversity Measurements of The 1.7 GHz Indoor Radio Channel For Wireless Personal Communications", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 87-91
	C388	TOH, "A Hybrid Handover Protocol For Local Area Wireless ATM Networks", Mobile Networks And Applications 1, 1996, pp. 313-334
	C389	TROE, "Mobile-Data Packet-Networks", Electro International Conference Record, New York, 04/16/1991-04/18/1991, pp. 510-513
	C390	TSUKAMOTO et al., "Mobility Management Of Transport Protocol Supporting Multiple Connections", Proceedings Of The Second International Workshop On Monthly Management & Wireless Access Protocols (Philadelphia, PA), Sessions 4, 2004, pp. 83-87
	C391	Ubiquity 1000 Cellular Communications System – Technical Information, 05/18/1994
	C392	Ubiquity 1000 Cellular Communications System For Your IBM ThinkPad™ 750, User's Guide, 1994
	C393	VALKO et al., "On The Analysis Of Cellular IP Access Networks", Sixth JFIP International Workshop On Protocols For High Speed Networks (Salem), 08/25/1999-08/27/1999
	C394	VELOCCI, "Orbcomm Nears Full Operational Status", Aviation Week & Space Technology, 11/23/1998, Vol. 149, No. 21, pp. 46-78
	C395	VIJAYAN et al., "The Dynamic Behavior Of Handoff Algorithms", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 39-43
	C396	VINTON, "Cellular Market Booms, But Competition Looms", Business Communications Review, 08/1990, Vol. 20, No. 8, p. 73-77
	C397	VIZARD, "Standards For UPT Introduction and Evolution", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 74-78
	C398	WANG et al., "On Frequency-Hop Multiple Access Sequence", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 177-181
/DC/	C399	WANG et al., "Tracking A Head-Mounted Display In A Room-Sized Environment With Head-Mounted Cameras", Proc. Of Helmet-Mounted Displays II, Orlando, FL, 04/19/1990-04/20/1990, Vol. 1290 SPIE

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: [initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary))

Sheet 25 Of 29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C400	INTENTIONALLY LEFT BLANK
	C401	WANG, "The Hierarchical Structure Of Tracing Strategy For Universal Personal Communication Systems", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 242-246
	C402	WANT et al., "The Active Badge Location System", ACM Transactions On Information Systems, 01/1992, Vol. 10, No. 1, pp. 91-102
	C403	WEBB, "Voice And Data Privacy Using Chaotic Time Sequences", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 33-38
	C404	WILBER-HAM et al., "Universal Personal Telecommunication (UPT) Service And Architecture Overview", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 64-68
	C405	WILLIAMS, "It's Telecom All The Way For A Rejuvenated Ericsson (LM Ericsson of Sweden Sticks To Telecommunications Business)", Electronic Business Buyer, 07/10/1989
	C406	WILSON et al., "CDMA Versus Dynamic TDMA For Access Controls In An Integrated Voice/Data PCN", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 267-272
	C407	WINTERS et al., "The Capacity Of Wireless Communication Systems Can Be Substantially Increased By The Use Of Antenna Diversity", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 28-32
	C408	WOLTER, "Multiplexing On The Downlink Of A TDMA-Based Radio System", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 258-261
	C409	WOLTERINK, "Handoff, A Necessary Feature In Wireless Office Systems", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 369-374
	C410	WOOLNOUGH, "Ericsson Pushes Mobile Data Standard", Electronic Engineering Times, 01/09/1989, Vol. 520, p. 18
	C411	WOOLNOUGH, "Finnish Firm Has Mixed Results Building Through Acquisitions: Nokia Finds Fast Track Has Its Bumps", Electronic Engineering Times, 10/29/1990, Vol. 614, p.85-86
	C412	WU et al., "AMRIS: A Multicast Protocol For Ad Hoc Wireless Networks", Proceedings of IEEE MILCOMM '99 (Atlantic City, NJ), 1999, pp. 1-5
	C413	YAMAGISHI et al., "A Low-Voltage 6-GHZ-Band CMOS Monolithic LC-Tank VCO Using A Tuning-Range Switching Technique", IEEE MTT-S Digest, 2000, pp. 735-738
	C414	YU, "IS-41 For Mobility Management", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 158-162
✓	C415	LIN et al., "A 900 MHz, 2.5mA CMOS Frequency Synthesizer With An Automated SC Tuning Loop", Elec. Eng. Dept. UCLA, pp. 375,378
/DC/	C416	INTENTIONALLY LEFT BLANK

EXAMINER

/Dady Chery/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 26 Of 29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C417	INTENTIONALLY LEFT BLANK
	C418	INTENTIONALLY LEFT BLANK
	C419	INTENTIONALLY LEFT BLANK
	C420	INTENTIONALLY LEFT BLANK
	C421	"Ericsson And General Electric Going Mobile", Telephone Engineer & Management News, 10/01/1989, pp. 30-39
	C422	INTENTIONALLY LEFT BLANK
	C423	INTENTIONALLY LEFT BLANK
	C424	INTENTIONALLY LEFT BLANK
	C425	INTENTIONALLY LEFT BLANK
	C426	INTENTIONALLY LEFT BLANK
	C427	INTENTIONALLY LEFT BLANK
	C428	"Mobile Station Features", Recommendation GSM 4.4.2, 10/1993
↓	C429	"Mobilt Datanät om två år" (Mobile Datanet In Two Years), Elteknik Med. Ektuell Elektronik, 1985, V. 5, p. 6
/DC/	C430	INTENTIONALLY LEFT BLANK
	C431	"Proposed EAI/TIA Standard, Cellular System CDMA-Analog Dual-Mode Mobile Station - Base Station Compatibility Standard, Rev. 1.14", 04/21/1992
/DC/	C432	INTENTIONALLY LEFT BLANK
	C433	INTENTIONALLY LEFT BLANK
	C434	"Random Access Procedures", GSM 04.06, v. 3.6.0
	C435	INTENTIONALLY LEFT BLANK
	C436	"Release Note, Recommendation" GSM 03.20, v. 3.3.2, 01/1991
	C437	"Release Note, Recommendation", GSM 02.07, v. 3.3.0, 03/1990
	C438	"Release Note, Recommendation", GSM 02.30, v. 3.5.0, 03/1990
	C439	INTENTIONALLY LEFT BLANK
	C440	INTENTIONALLY LEFT BLANK
	C441	"Trögt för Motitex" (Delays For Mobitex), Elteknik Med. Aktuell Elektronok, 1987, Vol. 3, pp. 19-21
	C442	INTENTIONALLY LEFT BLANK
	C443	INTENTIONALLY LEFT BLANK
↓	C444	Agere v. Broadcom 07/20/2004 Memorandum & Order, Bates Nos. BCMITC00000256573-667
/DC/	C445	BALSTON, Cellular Radio Systems, 1993

EXAMINER

/Dady Chery/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary))		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Steven Koenck
		Group Art Unit	2687
		Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02		
Sheet	27	Of	29

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C446	Broadcom's Third Supplemental Objections and Responses To Qualcomm's First Set Of Interrogatories (1-53), 11/07/2005
	C447	Cellular Digital Packet Data System Specification Release 10 – Book 1, N/A, 07/19/1993
	C448	Cellular System Dual-Mode Station – Base Station Compatibility Standard, EIA/TIA/IS-54, 05/01/1990
	C449	Change Request (Phase 2) Nos. 17, Tdoc GSM 195/93, 02/1992, Bates Nos. QBB222315-319
	C450	INTENTIONALLY LEFT BLANK
	C451	INTENTIONALLY LEFT BLANK
	C452	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 1: Overview, ETS 300 175-1, 10/01/1992
	C453	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 2: Physical Layer, ETS 300 175-2, 10/01/1992
	C454	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 3: Medium Access Control Layer, ETS 300 175-3, 10/01/1992
	C455	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 4: Data Link Control Layer, ETS 300 175-4, 10/01/1992
	C456	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 6: Identities And Addressing, ETS 300 175-6, 10/01/1992
	C457	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 7: Security Features, ETS 300 175-7, 10/01/1992
	C458	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 8: Speech Coding And Transmission, ETS 300 175-8, 10/01/1992
	C459	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 9: Public Access Profile, ETS 300 175-9, 10/01/1992
	C460	ETSI Handbook Guide To The Application Of The PNE Rule To The Drafting And Presentation Of ETSI Standards v 1.3, 05/1990
	C461	Fast And Scalable Handoffs For Wireless Internet Works", Proceedings Of The 2nd Annual International Conference On Mobile Computing And Networking (Rye, NY), 1995, pp. 56-66
	C462	File History of USSN 08/027,140, Bates Nos. BCMITC000089531-664
	C463	File History of USSN 08/101,254, Bates Nos. BCMITC0000793836-978
	C464	File History of USSN 08/114,872, Bates Nos. QBB220620-1242
	C465	File History of USSN 08/431,077, Bates Nos. BCMITC000079534-862
/DC/	C466	File History of USSN 08/487,609, Bates Nos. BCMITC0000792166-658

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 28 Of 29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C467	File History of USSN 08/513,648 ('983 file history), Bates Nos. BCMITC000071666-72400
	C468	File History of USSN 09/060,287 ('311 file history), Bates Nos. BCMITC000071327-71665
	C469	INTENTIONALLY LEFT BLANK
	C470	General on Terminal Adaptation Functions For The MSS, GSM 07.01 v 3.14.0, 04/01/1992
	C471	GSM PLMN Connection Types, GSM 03.10 v 3.3.0, 02/1992
	C472	INTENTIONALLY LEFT BLANK
	C473	HAINE, "A New Radio Access Protocol And Network Architecture For Mobile Packet Data", Proc. Of Vehicular Technology Conference, 05/19-22/1991, pp. 399-407
	C474	HENDERSON, "Public Data Networks: The Mobitex System", Paper Presented At The IEEE Vehicle Navigation And Information Systems Conference (VNIS '89), 1989, pp. 365
	C475	INTENTIONALLY LEFT BLANK
	C476	Introduction To Telephones And Telephone Systems, 3rd Edition, 1998
	C477	INTENTIONALLY LEFT BLANK
	C478	INTENTIONALLY LEFT BLANK
	C479	INTENTIONALLY LEFT BLANK
	C480	Landmobile And Marine Radio Technical Handbook, 1985
	C481	LEE, Mobile Cellular Telecommunications Systems, 1989, Bates Nos. QBB147008-463
	C482	List of Change Request Presented To SMH Plenary No 6, Rev 1, SMG 305/93, 03/29/1993
	C483	LYCKSELL, "Mobitex, ett kommunikations-radionät för text, data och tal" (A Radio Communication Network For Text, Data And Speech), 1986
	C484	Mobile Information Systems, 1990
	C485	Mobile Radio Interface Layer 3 Specification, GSM 04.08 v 4.2.0, 10/1992, Bates Nos. QBB479485-977
	C486	Mobile Radio Interface Layer 3 Specification; Core Network Protocols; Stage 3, ETSI TS 124008 v. 5.3.0, 2002
	C487	Mobile Station - Land Station Compatibility Specification, EIA/TIA-553, 09/01/1989
	C488	INTENTIONALLY LEFT BLANK
	C489	INTENTIONALLY LEFT BLANK
	C490	MOULY, The GSM System For Mobile Communications, 1992
	C491	INTENTIONALLY LEFT BLANK
	C492	INTENTIONALLY LEFT BLANK
	C493	INTENTIONALLY LEFT BLANK
/DC/	C494	INTENTIONALLY LEFT BLANK

EXAMINER

/Dady Chery/

DATE CONSIDERED

01/30/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	29	Of	29		

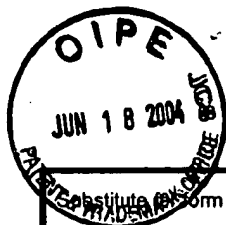
OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C495	INTENTIONALLY LEFT BLANK
	C496	INTENTIONALLY LEFT BLANK
	C497	INTENTIONALLY LEFT BLANK
	C498	Radio Equipment And Systems (RES); Digital ESTI Radio Equipment And Systems (RES); Digital Equipment Telecommunications (DECT) Common Interface Part 5: Network Layer, ETS 300 175-5, 10/01/1992
	C499	Radiodetermination Satellite Services And Standards, 1987
	C500	INTENTIONALLY LEFT BLANK
	C501	Recommended Minimum Performance Standards For 800 MHz Dual mode Mobile Stations, EIA/TIA/IS-55, 12/01/1991, Bates Nos. QBB149924-150025
	C502	INTENTIONALLY LEFT BLANK
	C503	Service Accessibility -- Change Request, GSM 02.11 v 3.6.0, 01/14/1992
	C504	Service Accessibility -- Change Request, GSM 02.11 v 4.0, 02/06/1992
	C505	Service Accessibility -- GSM 02.11 v 4.3.0, 10/1992
	C506	Service Accessibility -- GSM 02.11 v 4.5.0, 04/1993, Bates Nos. QBB153507-515
	C507	Service Accessibility, ETSI TS 122 011 v 6.4.0
	C508	Smart RF Wireless Data Microtransmitter AT86RF401, 1998
	C509	SMH Meeting Report, Doc 255/92, 03/30/1992
	C510	Speech Processing Functions: General Description, GSM 06.01 v 3.0.0, 02/1992
	C511	STEMM, "Vertical Handoffs In Wireless Overlay Networks", Mobile Networks And Applications 3, 1998, Abstract.
	C512	INTENTIONALLY LEFT BLANK
	C513	Sweden, Telecommunications (International Edition), 1991, Vol. 25, No. 10, pp. 145-148
	C514	INTENTIONALLY LEFT BLANK
	C515	Technical Realization Of The Short Message Service -- Point-to-Point, GSM 03.40 v. 3.5.0, 02/1992
V	C516	TIA-856 Spec.
/DC/	C517	Types Of Mobile Stations, GSM 02.06 v 3.2.0, 02/1992

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
----------	--------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.





PTO/SB/08A (08-03)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Koenck et al.
		Group Art Unit	2681
		Examiner Name	to be assigned
Attorney Docket Number	14425US02		
Sheet	1	of	1

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. <sup>1</sup>	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/DC/  ↓  /DC/	A1	5,844,893	12/1998	Gollnick et al.	
	A2	5,790,587	08/1998	Smith et al.	
	A3	5,734,645	03/1998	Rath et al.	
	A4	5,680,633	10/1997	Koenck et al.	
	A5	5,655,219	08/1997	Jusa et al.	
	A6	5,644,576	07/1997	Bauchot et al.	
	A7	5,561,845	10/1996	Bendixen et al.	
	A8	5,551,060	08/1996	Fuji et al.	
	A9	5,546,397	08/1996	Mahany	
	A10	5,515,184	04/1996	Vannucci	
	A11	5,469,468	11/1995	Schilling	
	A12	5,404,375	04/1995	Kroeger et al.	
	A13	5,363,402	11/1994	Harmon	
	A14	5,363,401	11/1994	Lucas et al.	
	A15	5,291,516	03/1994	Dixon et al.	
	A16	5,101,406	03/1992	Messenger	
	A17	5,046,130	09/1991	Hall et al.	
	A18	5,046,066	09/1991	Messenger	
	A19	5,029,181	07/1991	Endo et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	A13					
	A14					

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A15	

EXAMINER SIGNATURE	/Dady Chery/	DATE CONSIDERED	01/30/2008
--------------------	--------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Rev. Sept. 03

X:\OPENREL\Broadcom\14425US02 Koenck Divisional\FORM pto 1449.doc

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/DC/	A1	5,649,308	07-15-1997	Andrews	
↓	A2	4,989,230	01/29/1991	Gillig	
	A3	5,093,926	03/03/1992	Sasuta	
	A4	5,117,449	05/26/1992	Metroka	
	A5	5,260,988	11-09-1993	Schellinger et al.	
	A6	5,343,512	08/30/1994	Wang	
	A7	5,371,898	12-06-1994	Grube et al.	
	A8	5,533,097	07/02/1996	Crane	
	A9	5,550,895	08/27/1996	Burson	
↓	A10	5,712,868	01/27/1998	Stern	
/DC/	A11	5,285,208	02/08/1994	Bertiger	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B4	WO 92/02084	02/06/1992	Koenck		

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C433	"Radio Networks-An Air Bridge For Data", 1989
↓	C440	"The Second Overseas Radio Wave Utilization System Investigation Committee Report", Kaigai Denpa Ryo Shisutemu Chosadan Hokokusho, Dai2kai, Showa, 1987, Abstract
	C477	Jane Generic Design Specification, Bates No. E 00 0745C-0778C
	C478	Katarina Standard Cell Specification, Bates No. E 00 0087C-0242C
↓	C479	Katie Gate Array Specification, Bates No. E 00 1498C-1620C
/DC/	C489	Mobitex Operators Association, "Mobitex Terminal Specification To Be Used With Cantle Mobitex Radio Network Issue R1A 8000 bps," 02/26/1990

EXAMINER SIGNATURE	/Dady Chery/	DATE CONSIDERED	01/30/2008
-----------------------	--------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 15 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Steven Koenck
		Group Art Unit	2687
		Examiner Name	Fred A. Casca
(use as many sheets as necessary))		Attorney Docket Number	14425US02
Sheet	2	Of	2

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C492	Mobitex Operators Association, "Addendum Battery-Saving Protocol for Portable Terminals," 08/17/1990
	C497	Radio Data Link Access Procedure published by Motorola, 03/1991
	C500	Notice Regarding Issuance Of Initial Determination And Recommended Determination On Remedy And Bond, 10/10/2006
	C520	Rebuttal Expert Report Of Ray Nettleton Regarding Validity Of U.S. Patent Nos. 5,714,983 and 6,374,311 (redacted version), 12/15/2005
	C521	Invalidity Expert Report Of Dr. John Proakis (redacted version), 12/05/2005
	C528	Mobitex System Description MTS02.1
	C529	Mobitex Network Layer for Terminals Appendix B MTS09A.2
	C538	GSM 07.01 v 3.13.0, 02/1991
	C575	Qualcomm Incorporated's Sixth Supplemental Objections And Responses To Complainant's First Set Of Interrogatories (Nos. 1-15), 12/09/2005
	C576	YU, "Overview of EIA/TIA IS-41", IEEE 1992
	C577	Qualcomm Incorporated's Sixth Supplemental Objections And Responses To Complainant's First Set Of Interrogatories (Nos. 1-15), 12/09/2005
	C578	KISHINE et al., "A 2.5 Gb/s Clock And Data Recovery IC With Tunable Jitter Characteristics For Use In LAN's And WAN's", IEEE J. of Solid-State Circuits, 06/1999, Vol. 34, No. 6, pp. 805-812
	C579	KRAL et al., "RF-CMOS Oscillators With Switched Tuning", Custom IC Conference, Santa Clara, CA, 05/1998, pp. 555-558
	C580	KRAL, "A 2.4 GHz CMOS Frequency Synthesizer", UCLA Integrated Circuits And Systems Laboratory, 03/1998
/DC/	C581	Second Supplemental Expert Report Of Dr. John Proakis (redacted version), 02/09/2006

EXAMINER	/Dady Cheryl/	DATE CONSIDERED	01/30/2008
----------	---------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.